	Current Idaho SS Models		Common Core SS Models
3rd grade	**No standards at this grade level for division**	**Model:**	**3.OA.6 –** Understand division as an unknown-factor problem **3.OA.7** - Fluently multiply and divide within 100. By the end of Grade 3, know from memory all products of two one-digit numbers. **Model:** Visual with individual objects, Visual with Base-10, Area Models **Problem:** __ X 7 = 56
4th grade	.**4.M.3.1.1** Write a division problem using a bracket (⌐) and/or the division symbol (÷). **4.M.3.1.3** Show the relationship between multiplication and division using fact families. **Problem:** 56 ÷ 8	**Model:** Standard Algorithm Missing Factor	**4.OA.3 –** Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted **4.NBT.6 –** Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. **Potential Models for instruction:** Visual with Base-10, Area Model,, Ratio Table, Partial Quotients **Problem:** 117 ÷ 9
5th grade	**5.M.1.2.3** Multiply and divide whole numbers (1 digit divisors and 3 digit dividends). **5.M.3.1.1** Write a division problem as a proper and an improper fraction. **Problem:** 117 ÷ 9	**Model:** Standard Algorithm	**5.NBT.6** – Find whole-number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between using equations, rectangular arrays, and/or area models **5.NF.3** – Interpret a fraction as division of the numerator by the denominator **Potential Models for Instruction:** Area Models, Ratio Table, Partial Quotients **Problem:** 938 ÷ 24
6th grade	**6.M.1.2.2** Divide whole numbers, (content limits: three-digit number divided by a two-digit whole number) **Problem:** 938 ÷ 24	**Model:** Standard Algorithm	**6.NS.2 –** Fluently divide multi-digit numbers using the standard algorithm **Potential Models for Instruction:** Standard Algorithm, Partial Quotients **Problem:** 938 ÷ 24